

Windows®. Life without Walls™.
Fujitsu recommends Windows 7.

DATASHEET

FUJITSU ESPRIMO P1510 DESKTOP PC

THE WIDE-RANGING HOME OFFICE AND MULTIMEDIA PC

ESPRIMO P1510

The wide-ranging ESPRIMO P1510 is the ideal home office and multimedia PC for all the members of the family. Equipped with powerful Intel® processor and graphics technology from leading suppliers it is ideal for processing holiday photos, surfing the Internet and for gaming. The optional built-in Blu-ray player makes it a joy to use Blu-ray disks in HD quality. A wide selection of interfaces makes it easy to connect external devices - it's child play.



INTELLIGENT PERFORMANCE

Performance to meet all demands - for office applications and games as well as photo processing

- Latest Intel® Core™ processors with Turbo Boost and hyperthreading technology, up to 16 GB DDR3 memory and 3 TB hard disk capacity

DESIGNED AND ENGINEERED IN GERMANY

Outstanding quality and stable functions based on German production standards

- The development, production and function tests are all under one roof in Germany

MULTIMEDIA

Un-restricted joy with Blu-ray disks in HD quality

- Blu-ray drive (optional) and HDMI interface with the corresponding multimedia software

CONNECTIVITY

Comfortable connection of external devices and easy reading of the various storage media

- 20-in-1 card reader, many different connections, LAN



COMPONENTS

PROCESSOR	Intel® Core™ i7-870 processor (4 Cores / 8 Threads, 2.93 GHz, 8 MB)
	Intel® Core™ i7-860 processor (4 Cores / 8 Threads, 2.80 GHz, 8 MB)
	Intel® Core™ i5-760 processor (4 Cores / 4 Threads, 2.80 GHz, 8 MB)
	Intel® Core™ i5-750 processor (4 Cores / 4 Threads, 2.66 GHz, 8 MB)
	Intel® Core™ i5-680 processor (2 Cores / 4 Threads, 3.6 GHz, 4 MB, Intel® HD Graphics)
	Intel® Core™ i5-670 processor (2 Cores / 4 Threads, 3.46 GHz, 4 MB, Intel® HD Graphics)
	Intel® Core™ i5-660 processor (2 Cores / 4 Threads, 3.33 GHz, 4 MB, Intel® HD Graphics)
	Intel® Core™ i5-650 processor (2 Cores / 4 Threads, 3.20 GHz, 4 MB, Intel® HD Graphics)
	Intel® Core™ i3-540 processor (2 Cores / 4 Threads, 3.06 GHz, 4 MB, Intel® HD Graphics)
	Intel® Core™ i3-530 processor (2 Cores / 4 Threads, 2.93 GHz, 4 MB, Intel® HD Graphics)
	Intel® Pentium® processor G6950 (2 Cores / 2 Threads, 2.80 GHz, 3 MB, Intel® HD Graphics)
OPERATING SYSTEM	
Operating system optional preinstalled	Microsoft® Windows® 7 Home Basic Microsoft® Windows® 7 Home Premium Microsoft® Windows® 7 Professional
Operating system notes	Dependent on configuration Windows 7® versions are: Office 2007 ready Office 2010 Starter preloaded. Purchase a Product Key to activate a full Microsoft Office 2010 suite.
MEMORY MODULES	1 GB (1 module(s) 1 GB) DDR3, non-ECC, 1066 MHz, PC3-8500, DIMM
	2 GB (1 module(s) 2 GB) DDR3, non-ECC, 1066 MHz, PC3-8500, DIMM
	4 GB (1 module(s) 4 GB) DDR3, non-ECC, 1066 MHz, PC3-8500, DIMM
HARD DISK DRIVES (INTERNAL)	SATA II, 7200 rpm, 1500 GB, 3.5-inch, S.M.A.R.T.
	SATA II, 7200 rpm, 1000 GB, 3.5-inch, S.M.A.R.T.
	SATA II, 7200 rpm, 500 GB, 3.5-inch, S.M.A.R.T.
	SATA II, 7200 rpm, 320 GB, 3.5-inch, S.M.A.R.T.
	SATA II, 7200 rpm, 250 GB, 3.5-inch, S.M.A.R.T.
GRAPHICS ADD ON CARDS (OPTIONAL)	ATI Radeon® HD 5670, 1 GB
	NVIDIA® GeForce® GT 220, 1 GB
DRIVES (OPTIONAL)	Blu-ray Disc™ Combo Drive
	Blu-ray Disc™ Triple Writer
	DVD Super Multi
	MultiCard Reader 20in1, 3.5-Inch
INTERFACE ADD ON CARDS/COMPONENTS (OPTIONAL)	
	WLAN III, 802.11g/Draft-n (Windows only)
	FireWire PCI-Card IEEE1394
Base unit	ESPRIMO P1510
MAINBOARD	
Mainboard type	D2415
Formfactor	µATX
Chipset	Intel® H55
Processor socket	LGA 1156
Processor quantity maximum	1
Memory slots	4 DIMM (DDR3)
Supported capacity RAM (max.)	16 GB
Memory frequency	1066 MHz
LAN	10/100/1000 MBit/s
Audio codec	Realtek ALC888s

MAINBOARD

Audio features	High Definition audio, 7.1 audio support also via 4x audio jacks (analog)
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I/O CONTROLLER ON BOARD

Serial ATA total	4
Controller functions	Serial ATA II 3 GBit

INTERFACES

Audio: line-in	1
Audio: line-in / microphone	1
Audio: line-out	1
Front audio: microphone	1
Front audio: headphone	1
USB 2.0 total	12
USB front	2
USB rear	6
USB internal	4
DVI	1
HDMI	1 (only in config with graphic card)
Mouse / Keyboard (PS/2)	1/1
Ethernet (RJ-45)	1
Multicardreader	20-in-1
eSATA	1
Interface Module notes	Anytime USB charge functionality

INPUT DEVICE / COMPONENTS

Optical USB wheel mouse
Keyboard

DRIVE BAYS

Drive bays total	5
3.5-inch internal bays	2
3.5-inch external bays	1
5.25-inch external bays	2

SLOTS

PCI-Express 2.0 x16	1 x (240 mm)
PCI-Express x4 (mech. x8)	1
PCI-Express x1	1 full height
PCI (32-bit / 33 MHz)	1 x (240 mm) full height

GRAPHICS

Refresh rate 1024 x 768 (recommended / max.)	85 Hz / -
Refresh rate 1280 x 1024 (recommended / max.)	85 Hz / -
Refresh rate 1600 x 1200 (recommended / max.)	85 Hz / -

TFT resolution (VGA)	1024 x 768 pixel 1360 x 768 pixel 1440 x 900 pixel 1680 x 1050 pixel 1920 x 1200 pixel
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TFT resolution (DVI)	1360 x 768 pixel 1440 x 900 pixel 1680 x 1050 pixel 1920 x 1200 pixel
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Graphics features	DirectX 10 Supporting full HD video experience
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GRAPHICS

Graphics notes	Shared memory depending on driver Resolution (color depth up to 32 Bit/pixel) Refresh rates reflect the max. graphics capabilities. Video quality can be deteriorated when using maximum settings. For TFT we recommend using 60Hz
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ELECTRICAL VALUES

Rated voltage range	200 - 240 V
Rated frequency range	50 - 60 Hz
Operating voltage range	200 - 240 V
Operating line frequency range	47 - 63 Hz
Max. output of single power supply	330 W
Monitor outlet	No

POWER CONSUMPTION

Power consumption note	See white paper Energy Consumption
Link to Energy White Paper	http://docs.ts.fujitsu.com/dl.aspx?id=e9f66d64-f5ed-4bb6-a7e3-4d5b37811977

HEAT DISSIPATION

Heat dissipation notes	See white paper Energy Consumption
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NOISE FOR STANDARD CONFIGURATION (HDD, ODD, FDD)

Noise emission	According to ISO9296
Related Processors for noise	Intel Core i7-870
Noise Operation mode 1: ODD load (Blue angel requirement)	27 dB(A)
Noise Operation mode 2: HDD load (Blue angel requirement)	26 dB(A)
Noise Operation mode 3: CPU 90% load (Blue angel requirement)	32 dB(A)
Noise Operation mode 4: High load	32 dB(A)
Noise Operation mode 5: Office applications	26 dB(A)
Idle mode (Blue Angel requirement)	23 dB(A)
Noise notes / description	A weighted sound power level L _{wad} (in B) / workplace related A-weighted sound pressure level L _{pAm} (in dB(A)), Bystander position

DIMENSIONS / WEIGHT / ENVIRONMENTAL

Dimensions (W x D x H)	175 x 425 x 353 mm
Operating position	Vertical
Weight	approx. 11 kg
Weight notes	Actual weight may vary depending on configuration
Operating ambient temperature	15 - 35°C

COMPLIANCE

Product	ESPRIMO P1510
Europe	CE
Global	RoHS (Restriction of hazardous substances) WEEE (Waste electrical and electronic equipment)
Compliance link	https://sp.ts.fujitsu.com/sites/certificates/default.aspx

ADDITIONAL SOFTWARE

Additional software (preinstalled)	Nero Essentials S (burning software)
Additional software (optional)	CyberLink Power2Go BD (playback software for Blu-ray Disc™, only with Blu-ray Disc™ drive)
Additional software (included as a CD/DVD)	Recovery DVD for Windows® Drivers & Utilities DVD (DUDVD)

COMPATIBILITY (REFERENCES)

DMI 2.0
USB 2.0
WMI 1.5

SECURITY

Physical security	Kensington Lock support Eye for padlock
System security	Boot sector virus protection Control of external interfaces
User security	User and supervisor BIOS password

PACKAGING INFORMATION

Packaging dimension	500x290x540 mm
Max. quantity / pallet	24
Material - Weight (g) Carton	1270 g
Material - Weight (g) EPS / PS	210 g
Material - Weight (g) PE	appr. 60 g
Packaging notes	printed user documentation is bleached in chlorine free process

WARRANTY

Standard Warranty	1 or 2 years
Service level	Collect & Return / Bring-in Service / Send-in Service (depending on country)
Spare Parts availability	3 years
Service Weblink	http://ts.fujitsu.com/Supportservice

FUJITSU PLATFORM SOLUTIONS

In addition to Fujitsu ESPRIMO P1510, Fujitsu provides a range of platform solutions. They combine reliable Fujitsu products with the best in services, know-how and worldwide partnerships.

Dynamic Infrastructures

With the Fujitsu Dynamic Infrastructures approach, Fujitsu offers a full portfolio of IT products, solutions and services, ranging from clients to datacenter solutions, Managed Infrastructure and Infrastructure-as-a-Service. How much you benefit from Fujitsu technologies and services depends on the level of cooperation you choose. This takes IT flexibility and efficiency to the next level.

Computing Products

www.fujitsu.com/global/services/computing/

Software

www.fujitsu.com/software/

MORE INFORMATION

Learn more about Fujitsu ESPRIMO P1510, please contact your Fujitsu sales representative or Fujitsu Business partner, or visit our website. <http://ts.fujitsu.com/esprimo>

FUJITSU GREEN POLICY INNOVATION

Fujitsu Green Policy Innovation is our worldwide project for reducing burdens on the environment. Using our global know-how, we aim to resolve issues of environmental energy efficiency through IT. Please find further information at <http://www.fujitsu.com/global/about/environment/>

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